



Customer information packet

CSPM4406T-4

150HP, 1790RPM, 3PH, 60HZ, 447TC, A4496M, TEFC

Class - CLI GP A,B,C,D; CLII GP F,G

Division - Division II

Specifications

Enclosure	TEFC
Frame	447TC
Frame Material	Cast Iron
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP A,B,C,D; CLII GP F,G
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	150.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSAUSEEV CURUSEEV NEMA_PREMIUM
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Current @ Voltage	173.000 A @ 460.0 V
Design Code	A
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	96.2 %
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	173.0 a
Insulation Class	F
Inverter Code	Inverter Duty
KVA Code	J
Max Speed	2700 rpm
Motor Lead Quantity/Wire Size	3 @ 1/0 AWG
Motor Standards	NEMA

Part detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG6732
Layout	617434-363
Eff. date	05-28-2025
CD Diagram	416820-036
Poles	04
Leads	3#1/0
Proprietary	False
Created date	12-10-2024

Motor Type	A4496M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	48.46 IN
Power Factor	84
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Service Factor	1.15
Shaft Diameter	3.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1790 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP2496L	
MOBIL POLYREX EM	

NP4562L

CAT NO	CSPM4406T-4			SPEC NO.		A44-5013-6732			I.P.		55					
HP	150	AMPS	173		VOLTS		460		DESIGN	A						
FRAME SIZE	447TC	RPM	1790		MAX RPM		2700	HZ	60	AMB	40	C				
D.E. BRG.	90BC03J30X			PH.3	3	DUTY	CONT		INSUL.CLASS		F					
O.D.E. BRG.	90BC03J30X			TYPE P			ENCL	TEFC	SF	1.15	CODE	J				
POWER FACTOR	84	MAX CORR KVAR		36		NEMA NOM EFFICIENCY					96.2		MOTOR WEIGHT		LBS	
CL.I,DIV 2,GRP:	A,B,C,D	T.CODE	T3C		CL.1,ZONE 2,GRP:					IIA,IIB,IIC		T=	160	C	INVERTER T.CODE	T3
CL.II,DIV 2,GRP:	F,G	T.CODE	T3C		CL II ZONE 22 GRPS IIIB					T=	160	C	INVERTER T.CODE		T3C	
ID LOGO	INV TYPE:	VPWM	CT	30	TO	60	VT	3	TO	60	CHP	60	TO	90		
ID LOGO	1.0 SF VPWM		WK2	63.4	LBFT2		SL HZ		0.33		MAG CUR		61.5			
SER.NO.				MEETS INTENT OF IEEE-45						FOR WEATHER PROTECTION						

DUTY MASTER ALTERNATING CURRENT MOTORS SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED

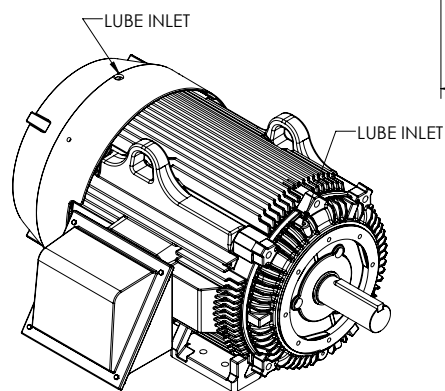
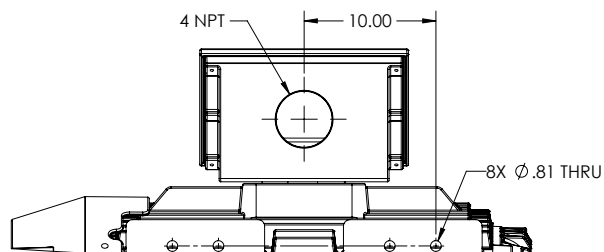
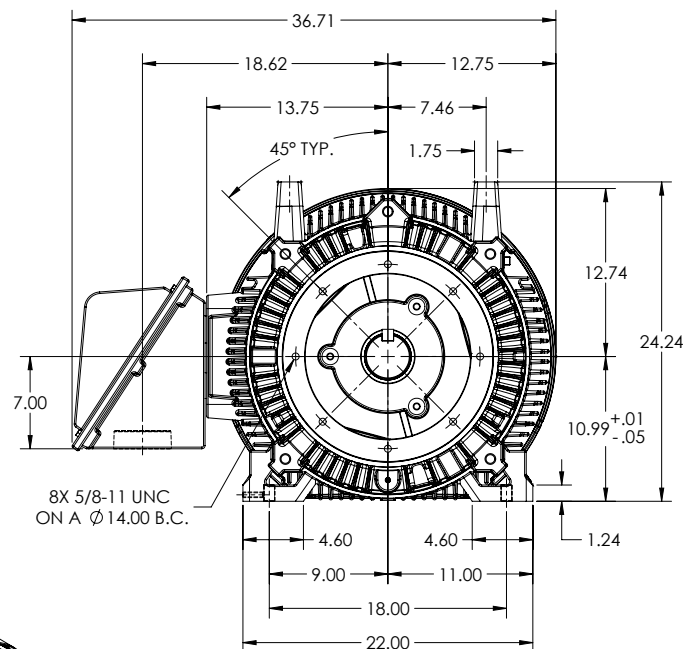
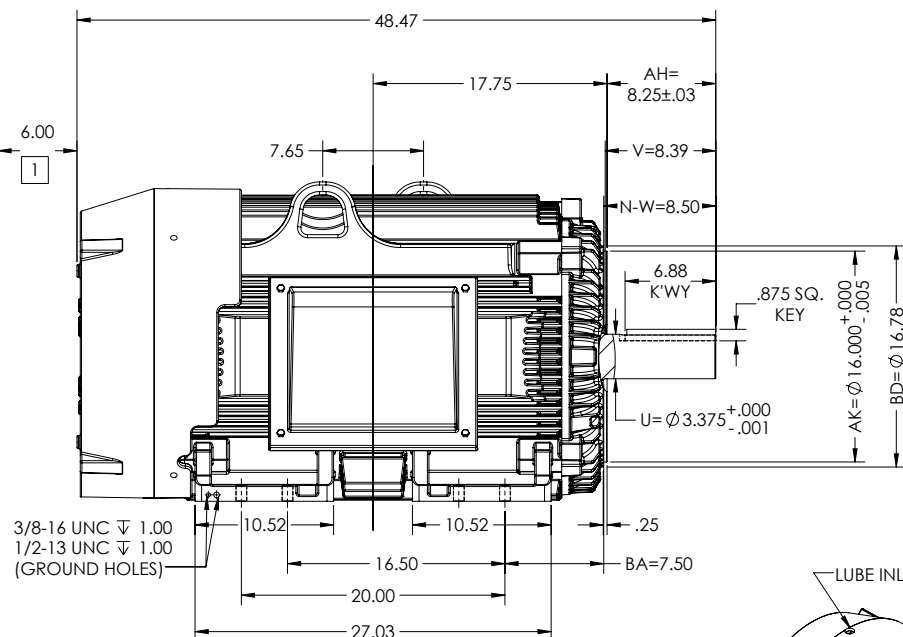
MOUNTING: FOOT, F-1 SIDE, C-FACE

G447TC / G445TC FRAME MOUNTING HOLES

STANDARD CAST IRON CONDUIT BOX

COOLING: FAN COOLED

ENCLOSURE ENHANCEMENT: SEVERE DUTY



1 OBSTRUCTION MUST NOT ENCR OACH ON AIR INLET

FACE RUNOUT & ECCENTRICITY .007 MAX T.I.R

IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .003" T.I.R. TO 5 INCH DIA.

DIMENSIONS ARE IN INCHES.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: D'S CLEAN UP

REV: A VERSION: 01

REVISED: 09-10-57 07/17/2020

TDR: 00000143661

MODEL NO. 617434-363

REF:

BY: USERDUA

Material:

BALDOR

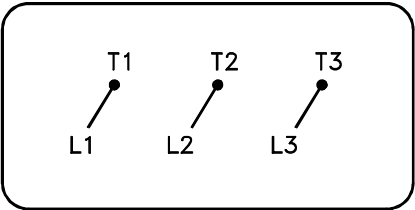
G447TC/G445TC F1 TEFC FOOT - CAST IRON CONDUIT BOX

617434-363

617434-363

416820-036

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\682		REVISED: 11: 54: 06 04/30/2010
MTL: -		BY: RAGRA

BALDOR

CONN DIAG - STANDARD 3 LEAD
SH 1 of 1